

GENERATOR

CONFIDENTIAL

2 December 1957

MEMORANDUM FOR THE RECORD

SUBJECT: Visit to [] on Portable Hydrogen Generator

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1. On 26 November 1957 the undersigned met with [] for the purpose of reviewing plans for work on Phase II of the Portable Hydrogen Generator.

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2. The 1/5 scale generator was delivered to [] on 10 November, approximately 100 days after the order was submitted (promised delivery, 60 to 90 days). [] will begin tests on the 1/5 scale generator the first week in December and should have a sufficient number of tests run (at the rate of about two per week) by the end of the month to determine what design changes will be necessary in the full scale model. Assuming ninety day delivery, the full scale tests could be run during April and May and the final report submitted in June. This schedule would require a four month extension to the present contract.

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3. [] suggested that a balloon be used to determine the amount of lift generated (and also to examine the water vapor condensation problem) on all three full scale tests rather than just on two. In the event a third full scale test is considered to be unnecessary on the basis of the first two tests, this third balloon could then serve to make up a complete generator-balloon pack for training or operational purposes.

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DOC	32	REV DATE	27/6/80	BY	35322
ORIG COMP	056	ORI	56	TYPE	02
ORIG CLASS	S	PAGES	1	REV CLAS	C
JWT	22	NEXT REV	2010	AUTH	HR 70-2

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